

WEST**End of Result Set**☐

L12: Entry 5 of 5

File: DWPI

Sep 19, 1989

DERWENT-ACC-NO: 1989-314098

DERWENT-WEEK: 198943

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Vitamin compsn. - contains poly:sorbate, propylene glycol oleic acid ester and tri:acetin solubilisers, nicotinamide acid amide, riboflavin butyrate etc.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

DAIKYO YAKUHHIN KOGYO

DAIKN

PRIORITY-DATA: 1988JP-0059242 (March 15, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 01233218 A	September 19, 1989		004	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP01233218A	March 15, 1988	1988JP-0059242	

INT-CL (IPC): A61K 9/08; A61K 31/19

ABSTRACTED-PUB-NO: JP01233218A

BASIC-ABSTRACT:

A vitamin composition contains (a) 30-55% of polysorbate 80 and 10-40% of combination of propylene glycol oleic acid ester and triacetin, as solubilisers and (b) nicotinic acid amide, riboflavin butyrate, tocopherol acetate and gamma-oryzanol as vitamin ingredients, and (b) are all dissolved in (a).

USE/ADVANTAGE - The fat-soluble vitamin of nicotinic acid amide and the water-soluble vitamins of riboflavin butyrate, tocopherol acetate and gamma-oryzanol are all dissolved in the surfactants of polysorbate 80 and propylene glycol oleic acid ester and the solvent of triacetin. Accordingly, the vitamin composition composed of (a) and (b) is amphi-soluble both in water and in fats.

In an example, 12mg of nicotinic acid amide, 6mg of riboflavin butyrate, 100mg of tocopherol acetate and 5mg of gamma-oryzanol were dissolved in 146mg of polysorbate 80 and 61mg of propylene glycol oleate. The resulting solution was encapsulated to give a capsule of 330mg. The capsule was stored for 3 months, and no crystals formed.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: VITAMIN COMPOSITION CONTAIN POLY SORBATE PROPYLENE GLYCOL OLEIC ACID ESTER TRI ACETIN SOLUBLE NICOTINAMIDE ACID AMIDE RIBOFLAVIN BUTYRATE

ADDL-INDEXING-TERMS:

GAMMA ORYZANOL

DERWENT-CLASS: A96 B05

CPI-CODES: A12-V; A12-W12; B01-D01; B03-C; B03-H; B04-C03C; B07-D04C; B10-E04C;
B10-G02;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

F012 F013 F014 F113 H4 H403 H483 H5 H522 H589
H7 H721 H8 J0 J011 J2 J271 K0 L8 L814
L821 L833 M225 M231 M262 M281 M312 M323 M332 M342
M343 M373 M383 M391 M393 M423 M431 M510 M521 M530
M540 M782 M903 M904 M910 V0 V743

Specific Compounds

01870M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *02*

Fragmentation Code

H4 H401 H481 H7 H721 H8 J0 J011 J2 J271
M225 M231 M262 M281 M313 M321 M332 M343 M383 M391
M416 M431 M782 M903 M904

Specific Compounds

12988M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *03*

Fragmentation Code

J0 J013 J2 J273 M210 M211 M262 M283 M313 M321
M332 M343 M383 M391 M416 M431 M620 M782 M903 M904
M910

Specific Compounds

00744M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *04*

Fragmentation Code

F013 F431 J0 J011 J3 J311 M280 M320 M413 M431
M510 M521 M530 M540 M782 M903 M904 M910

Specific Compounds

00678M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M2 *05*

Fragmentation Code

D011 D012 D013 D023 D025 D120 E270 H181 H201 J0
J011 J014 J2 J241 J273 J522 L812 L821 L833 L834
L910 M210 M211 M212 M213 M225 M231 M232 M240 M262
M281 M282 M283 M315 M320 M321 M332 M344 M383 M391
M412 M431 M511 M520 M530 M540 M782 M903 M904 V0
V322 V350

Specific Compounds

04122M 04124M

Registry Numbers

1704X 1724X 1711X 1714X 89290

Chemical Indexing M5 *06*

Fragmentation Code

M431 M782 M903 M904 S023 S131 S132 S133 S134 S143
S204 S303 S304 S314 S317 S500 S703 S730 S732 S734
S762 S800 S830 T804 T814 U004 U014 U030 U109 U110
U560 U563 U581

Ring Index

05399

Specific Compounds

04575M

Registry Numbers

1704X 1724X 1711X 1714X 89290

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0678U; 0744U ; 1870U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 0231 1279 1588 2002 2014 2572 2575 2585 2766

Multipunch Codes: 014 028 04- 147 198 231 240 31- 336 525 532 536 537 575 583 589 645 688 720

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-139144